

0009

From: "Oakley, Dennis" <dennis.oakley@pacificorp.com>
To: "Chris Imbrogno - DEQ" <cimbrogno@utah.gov>, "DEQ- Mike Herkimer" <mherkimer@utah.gov>, "Edith Van Vleet" <evanvleet@utah.gov>
Date: 1/27/04 10:40AM
Subject: DMR Reports of December 2003

INCOMING
CO150009
cc: CO150017 ✓
CO150018
CO150019

<<Deccov03.pdf>> <<Decdmr03.pdf>>

Dennis Oakley
Sr. Environmental Engineer

Energy West Mining Company
15 North Main Street
Huntington, Utah 84528

Phone: 435.687.4825
Fax: 435.687.2695
e-mail: dennis.oakley@pacificorp.com

Opportunity is missed by most people because it is dressed in overalls, and looks like work.

- Thomas

A. Edison -

CC: "Charles Semborski" <chuck.semborski@pacificorp.com>, "Dennis Oakley" <dennis.oakley@pacificorp.com>, "Douglas Johnson" <Douglas.Johnson@PacifiCorp.com>, "Kenneth Fleck" <ken.fleck@pacificorp.com>, "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>



January 27, 2004

Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, UT 84114-4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of December, 2003. There were no exceedances to report for this reporting period. Please review the required parameter list on the DMR's to insure that they are being reported correctly. I will assume that there are no problems in the way we report our DMR's if there is no response from you. If you have any questions concerning this report, please feel free to call either Dennis Oakley at (435) 687-4825 or Chuck Semborski at (435) 687-4720.

Sincerely,

Douglas E. Johnson
Manager of Administration and Technical Services

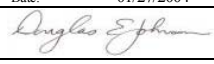
Encl

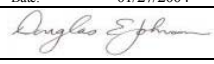
Cc: Division of Oil, Gas and Mining
Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801
Chuck Semborski, with enclosures
Dennis Oakley, "
Ken Fleck "


\\EWMFIL01\DATA\GROUPS\Environmental\UPDES\COVER\2003\Dec03.doc
Huntington Office
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

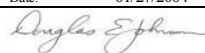
Deer Creek Mine
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine
(801) 748-2319
Fax (801) 748-2 380

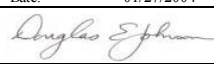
Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company				Sediment pond outfall into Cottonwood Ck.							
Address: P.O. Box 310											
Huntington, Utah 84528				UT0023728				12/01/2003		12/31/2003	
Facility: Trail Mountain Mine				Permit Number		Monitoring Period		001A		No Discharge	
								Discharge Number		<input checked="" type="checkbox"/>	
Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate	Sample Measurement				*****	*****	*****	****		1/30	Measrd
00056 1 0 0	Permit Requirement	Report	Report		*****	*****	*****	****		once/month	Estimated
Effluent Gross Value		30 day avg	Daily max	mgd							
pH	Sample Measurement	*****	*****	****	*****	*****	*****	****		1/30	Grab
00400 1 0 0	Permit Requirement	*****	*****	****	6.5	*****	9.0	(12)		once/month	Grab
Effluent Gross Value					first min		first max	SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****	*****	*****	****		1/30	Grab
00530 1 0 0	Permit Requirement	*****	*****	****	*****	*****	70	(19)		once/month	Grab
Effluent Gross Value					30 day avg		daily max	mg/L			
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	*****	****		1/30	Grab
00545 R 0 0	Permit Requirement	*****	*****	****	*****	*****	0.5	(25)		once/month	Grab
Effluent Gross Value							mg/L				
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****	*****	****		1/30	Grab
01045 1 0 0	Permit Requirement	*****	*****	****	*****	*****	4	(19)		once/month	Grab
Effluent Gross Value							Daily max	mg/L			
Oil and Grease	Sample Measurement	*****	*****	****	*****	*****	*****	****		0	-
03582 1 0 0	Permit Requirement	*****	*****	****	*****	*****	10	(19)		See Permit	Grab
Effluent Gross Value							Daily max	mg/L			
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****	*****	****		1/30	Grab
70295 1 0 0	Permit Requirement	*****	2000	(26)	*****	*****	5000	(19)		once/month	Grab
Effluent Gross Value			Daily max	lbs/day			Daily max	mg/L			
Oil and Grease, Visual	Sample Measurement	*****	*****	(94)	*****	*****	*****	****		4/30	Visual
84066 1 0 0	Permit Requirement	*****	0	yes = 1	*****	*****	*****	****		Weekly	Visual
Effluent Gross Value			first max	no = 0							
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319 (). Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of not more than 5 years ().				Date: 01/27/2004		Telephone			
Dee Jense - President InterWest Mining Company								435		687-9821	
Typed or Printed						Signature of Principal Executive Officer or Authorized Agent		Area Code		Number	
Comments and explanation of any violations: During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed											


Discharge Monitoring Report												
<div style="display: flex; justify-content: space-between;"> <div> Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facility: Trail Mountain Mine </div> <div style="border: 1px solid black; padding: 2px;"> UT0023728 P permit Number </div> <div style="border: 1px solid black; padding: 2px;"> 12/01/2003 12/31/2003 Monitoring Period </div> <div style="border: 1px solid black; padding: 2px;"> 002 Discharge Number </div> <div> No Discharge <input checked="" type="checkbox"/> </div> </div>												
Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type	
		Average	Maximum	Units	Minimum	Average	Maximum	Units				
Flow Rate	Sample Measurement				*****	*****	*****	****		2/30	Measured	
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		twice/month	Estimated	
pH	Sample Measurement	*****	*****	****	*****	*****	*****	****		2/30	Grab	
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 first min	*****	9.0 first max	(12) SU		once/month	Grab	
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****	*****	*****	****		2/30	Grab	
00530 1 0 0	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab	
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	*****	****		**	**	
00545 R 0 0	Permit Requirement	*****	*****	****	*****	*****	0.5 mL/L	(25)		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****	*****	****		2/30	Grab	
01045 1 0 0	Permit Requirement	*****	*****	****	*****	*****	4 Daily max	(19) mg/L		twice/month	Grab	
Oil and Grease	Sample Measurement	*****	*****	****	*****	*****	*****	****		**	**	
03582 1 0 0	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab	
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****	*****	****		2/30	Grab	
70295 1 0 0	Permit Requirement	*****	*****	****	*****	*****	1200 Daily max	(19) mg/L		twice/month	Grab	
Oil and Grease, Visual	Sample Measurement	*****	*****	(94)	*****	*****	*****	****		4/30	Visual	
84066 1 0 0	Permit Requirement	*****	0 first max	yes = 1 no = 0	*****	*****	*****	****		Weekly	Visual	
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of not more than 6 months and 5 years.					Date: 01/27/2004		Telephone			
Dee Jense - President InterWest Mining Company									435		687-9821	
Typed or Printed									Signature of Principal Executive Officer or Authorized Agent		Area Code Number	
Comments and explanation of any violations: Sample for oil and grease is only required when sheen is observed												

Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facility: Deer Creek Mine											
U70023604 Permit Number			12/01/2003 12/31/2003 Monitoring Period			001 Discharge Number			No Discharge <input type="checkbox"/>		
Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate	Sample Measurement	0.028	0.028		*****	*****	*****	****	0	1/30	Measured
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
Effluent Gross Value	Sample Measurement	*****	*****	****	7.46	*****	7.46		0	1/30	Grab
pH	Permit Requirement	*****	*****	****	6.5 list min	*****	9.0 list max	(12) SU		once/month	Grab
00400 1 0 0	Sample Measurement	*****	*****	****	6	6	6		0	1/30	Grab
Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
00530 1 0 0	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	<0.005	<0.005	0	1/30	Grab
Settleable Solids	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
00545 R 0 0	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Iron, Total (as Fe)	Sample Measurement	*****	528		*****	2243	2243		0	1/30	Grab
01045 10 0	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	Report 30 day avg	5000 Daily max	(19) mg/L		once/month	Grab
Effluent Gross Value	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
Oil and Grease, Visual	Permit Requirement	*****	0 list max	yes = 1 no = 0	*****	*****	*****	****		Weekly	Visual
84066 1 0 0	Sample Measurement	*****	*****	****	*****	*****	*****	****		Weekly	Visual
Effluent Gross Value	Sample Measurement	*****	*****	****	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)				Date: 01/27/2004		Telephone			
Dee Jense - President InterWest Mining Company								435 687-9821			
Typed or Printed						Signature of Principal Executive Officer or Authorized Agent		Area Code Number			
Comments and explanation of any violations: Sample oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.											

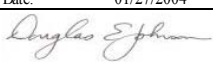
Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company				Deer Creek Mine Discharge							
Address: P.O. Box 310 Huntington, Utah 84528				U70023604 Permit Number		12/01/2003 12/31/2003 Monitoring Period		002 Discharge Number		No Discharge <input type="checkbox"/>	
Facility: Deer Creek Mine											
Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate	Sample Measurement	0.305	0.738		*****	*****		****	0	1/30	Measured
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
Effluent Gross Value											
pH	Sample Measurement	*****	*****	****	7.28	*****	7.28		0	1/30	Grab
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 1st min	*****	9.0 1st max	(12) SU		once/month	Grab
Effluent Gross Value											
Solids, Total Suspended	Sample Measurement	*****	*****	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0	Permit Requirement	*****	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Effluent Gross Value											
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	N/A		***	****	****
00545 R 0 0	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) ml/L		once/month	Grab
Effluent Gross Value											
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****	0.007	0.007	0	1/30	Grab
01045 1 0 0	Permit Requirement	*****	*****	****	*****	*****	Report 30 day avg	1.0 Daily max		once/month	Grab
Effluent Gross Value											
Oil and Grease	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
Fixon Extr-Grav Method	Permit Requirement	*****	*****	****	*****	*****	*****	10 Daily max		See Permit	Grab
00556 0 0 0											
Effluent Gross Value											
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****	426.3	403	0	1/30	Grab
180 °C	Permit Requirement	*****	*****	****	*****	*****	800 Qtr avg	1000 Daily max		once/month	Grab
70300 1 0 0											
Effluent Gross Value											
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	*****	*****	*****	*****	0	4/30	Visual
84066 1 0 0	Permit Requirement	*****	0 1st max	yes=1 no=0	*****	*****	*****	*****		Weekly	Visual
Effluent Gross Value											
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.					Date: 01/27/2004		Telephone		
Dee Jense - President InterWest Mining Company									435 687-9821		
Typed or Printed							Signature of Principal Executive Officer or Authorized Agent		Area Code Number		
Comments and explanation of any violations: Sample oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.											

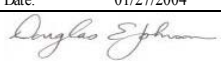
Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company				Minor							
Address: P.O. Box 310				UT0022896				12/01/2003 12/31/2003		001	
Facility: Cottonwood/Wilberg Mine				P permit Number				Monitoring Period		Discharge Number	
No Discharge <input type="checkbox"/>											
Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate	Sample Measurement	0.034	0.034		*****	*****	*****	****	0	1/30	Measured
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
Effluent Gross Value	Sample Measurement	*****	*****	****	7.15	*****	7.15		0	1/30	Grab
pH	Permit Requirement	*****	*****	****	6.5 first min	*****	9.0 first max	(12) SU		once/month	Grab
00400 1 0 0	Sample Measurement	*****	*****	****	<5	<5	<5		0	1/30	Grab
Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****	*****	<0.005		0	1/30	Grab
00530 1 0 0	Permit Requirement	*****	*****	****	*****	*****	1.8 Daily max	(19) mg/L		once/month	Grab
Effluent Gross Value	Sample Measurement	*****	209.9	****	*****	*****	*****	****	0	1/30	Grab
Solids, Total Dissolved	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
70295 1 0 0	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
Oil and Grease	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
03582 1 0 0	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
Oil and Grease, Visual	Permit Requirement	*****	0 first max	yes=1 no=0	*****	*****	*****	****		Weekly	Visual
84066 0 0 0	Sample Measurement										
Effluent Gross Value	Permit Requirement										
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Name/Title Principal Executive Officer</p> <p>Dee Jense - President InterWest Mining Company</p> <p><small>I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of not more than 5 years.</small></p> </div> <div style="width: 45%;"> <p>Date: 01/27/2004</p> <p><i>Douglas Ephraim</i></p> <p>Signature of Principal Executive Officer or Authorized Agent</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 30%;">Area Code</div> <div style="width: 30%;">Telephone</div> <div style="width: 30%;">Number</div> </div>											
<p>Typed or Printed</p> <p>Comments and explanation of any violations:</p> <p>If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.</p>											

Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company				Minor							
Address: P.O. Box 310 Huntington, Utah 84528				UT0022896 Permit Number		12/01/2003 12/31/2003 Monitoring Period		003 Discharge Number		No Discharge <input checked="" type="checkbox"/>	
Facility: Cottonwood/Wilberg Mine											
Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate	Sample Measurement				*****	*****	*****	****		1/30	Measured
00056 1 0 0	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured
Effluent Gross Value	Sample Measurement	*****	*****	****		*****				1/30	Grab
pH	Permit Requirement	*****	*****	****	6.5 inst min	*****	9.0 inst max	(12) SU		once/month	Grab
00400 1 0 0	Effluent Gross Value										
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab
00530 1 0 0	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day max	70	(19) mg/L		once/month	Grab
Effluent Gross Value	Sample Measurement	*****	*****	****						1/30	Grab
Settleable Solids	Permit Requirement	*****	*****	****			0.5 Daily max	(25) mL/L		once/month	Grab
00545 R 0 0	Effluent Gross Value										
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****					1/30	Grab
01045 10 0	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Effluent Gross Value	Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
Solids, Total Dissolved	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
70295 1 0 0	Effluent Gross Value										
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
84066 1 0 0	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Effluent Gross Value	Sample Measurement	*****			*****	*****	*****	****		Weekly	Visual
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years .)				Date: 01/27/2004		Telephone			
Dee Jense - President InterWest Mining Company								435		687-9821	
Typed or Printed						Signature of Principal Executive Officer or Authorized Agent		Area Code		Number	
Comments and explanation of any violations: If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.											


Discharge Monitoring Report												
Name: PacifiCorp, Energy West Mining Company				Minor								
Address: P.O. Box 310 Huntington, Utah 84528				UT0022896 Permit Number		12/01/2003 12/31/2003 Monitoring Period		004 Discharge Number		No Discharge <input checked="" type="checkbox"/>		
Parameter			Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type	
			Average	Maximum	Units	Minimum	Average	Maximum				Units
Flow Rate		Sample Measurement				*****	*****	*****	****			
00056 1 0 0		Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****			
Effluent Gross Value										once/month	Measured	
pH		Sample Measurement	*****	*****	****		*****					
00400 1 0 0		Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Effluent Gross Value												
Solids, Total Suspended		Sample Measurement	*****	*****	****							
00530 1 0 0		Permit Requirement	*****	*****	****	25 30 day avg	35		(19) mg/L		once/month	Grab
Effluent Gross Value												
Iron, Total (as Fe)		Sample Measurement	*****	*****	****							
01045 10 0		Permit Requirement	*****	*****	****		Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Effluent Gross Value												
Solids, Total Dissolved		Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
70295 1 0 0		Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Effluent Gross Value												
Oil and Grease, Visual		Sample Measurement	*****		(94)	*****	*****	*****	****		4/30	Visual
84066 1 0 0		Permit Requirement	*****	0 Inst max	yes=1 no=0	*****	*****	*****	****		Weekly	Visual
Effluent Gross Value												
		Sample Measurement										
		Permit Requirement										
		Sample Measurement										
		Permit Requirement										
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC, paragraph 1001 and 33 USC, paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years -)					Date: 01/27/2004		Telephone			
Dee Jense - President InterWest Mining Company									435	687-9821		
Typed or Printed							Signature of Principal Executive Officer or Authorized Agent		Area Code	Number		
Comments and explanation of any violations: If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.												

Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company				Minor							
Address: P.O. Box 310 Huntington, Utah 84528				UT0022896 Permit Number		12/01/2003 12/31/2003 Monitoring Period		005 Discharge Number		No Discharge <input checked="" type="checkbox"/>	
Facility: Cottonwood/Wilberg Mine											
Parameter		Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type	
		Average	Maximum	Units	Minimum	Average	Maximum				Units
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0	Permit Requirement	Report	Report	(03) mgd	*****	*****	*****	****		once/month	Measured
Effluent Gross Value		30 day avg	Daily max								
pH	Sample Measurement	*****	*****	****		*****					
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Effluent Gross Value											
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****						
00530 1 0 0	Permit Requirement	*****	*****	****				(19) mg/L		once/month	Grab
Effluent Gross Value							7 day max				
Settleable Solids	Sample Measurement	*****	*****	****	*****		NR				
00545 R 0 0	Permit Requirement	*****	*****	****	*****		0.5 max	Daily mg/L	(25)	once/month	Grab
Effluent Gross Value											
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****						
01045 1 0 0	Permit Requirement	*****	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Effluent Gross Value											
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	*****	****		1/30	Grab
70295 1 0 0	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	*****	****		once/month	Grab
Effluent Gross Value											
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	*****	*****	****			
84066 1 0 0	Permit Requirement	*****	0 Inst max	yes =1 no =0	*****	*****	*****	****		Weekly	Visual
Effluent Gross Value											
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years -)				Date: 01/27/2004		Telephone			
Dee Jense - President InterWest Mining Company						Signature of Principal Executive Officer or Authorized Agent		Area Code		Number	
						435		687-9821			
Typed or Printed											
Comments and explanation of any violations: If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.											

Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company				Minor		F - Final, Combination 002, 003, & 005				No Discharge	
Address: P.O. Box 310 Huntington, Utah 84528				UT0022896 Permit Number		12/01/2003 12/31/2003 Monitoring Period		SUM A Discharge Number		<input checked="" type="checkbox"/>	
Facility: Cottonwood/Wilberg Mine											
Parameter	Sample	Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Solids, Total Dissolved 70295 100 Effluent Gross Value	Sample Measurement				*****	*****	*****				
	Permit Requirement	Report	2000	(26)	*****	*****	*****	****		once/month	Grab
	30 day avg	Daily max	lbs/day								
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years -.)						Date: 01/27/2004		Telephone	
Dee Jense - President InterWest Mining Company								435		687-9821	
Typed or Printed		Signature of Principal Executive Officer or Authorized Agent						Area Code		Number	
Comments and explanation of any violations: Total discharge of TDS from outfalls 002, 003, and 005 shall not exceed 2,000 lbs/day during drawdown.											

Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facility: Des Bee Dove Mine <div style="float: right; text-align: right;"> No Discharge <input checked="" type="checkbox"/> </div>											
UTG040022 Permit Number				12/01/2003 12/31/2003 Monitoring Period				001 Discharge Number			
Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pH	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****					*****	*****	*****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	***** 25 30 day			(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****					*****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****			0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****					*****	*****	*****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****			1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****							
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		****							
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 Inst max	(94) yes -1 no -0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Executive Officer		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years .)				Date: 01/27/2004		Telephone			
Dee Jense - President InterWest Mining Company								435	687-9821		
Typed or Printed						Signature of Principal Executive Officer or Authorized Agent		Area Code	Number		
Comments and explanation of any violations: Oil and grease not to exceed 10 mg/L if seen is observed. Settleable solids shall be measured during storm water discharge.											

Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facility: Hunter Coal Preparation Plant <div style="float: right; text-align: right;"> No Discharge <input checked="" type="checkbox"/> </div>											
UTG040009 Permit Number				<div style="display: flex; justify-content: space-between;"> 12/01/2003 12/31/2003 </div> Monitoring Period				001 Discharge Number			
Parameter		Quantity or Loading			Quantity or Concentration				No. Ex.	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0	Permit Requirement	Report	Report		*****	*****	*****	****			
Effluent Gross Value		30 day avg	Daily max	mgd						once/month	Estimated
pH	Sample Measurement	*****	*****	****		*****					
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 inst min	*****	9.0 inst max	(12) SU			
Effluent Gross Value											
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				*****	*****	*****
00530 1 0 0	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Effluent Gross Value											
Settleable Solids	Sample Measurement	*****	*****	****	*****				*****		
00545 R 0 0	Permit Requirement	*****	*****	****	*****		0.5 Daily max	(25) mL/L		once/month	Grab
Effluent Gross Value											
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****			*****	*****	*****
01045 10 0	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Effluent Gross Value											
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
Effluent Gross Value											
Oil and Grease, Visual	Sample Measurement	*****		****	*****	*****	*****	****			
84066 1 0 0	Permit Requirement	*****	0 inst max	(94) yes -1 no -0	*****	*****	*****	****		Weekly	Visual
Effluent Gross Value											
Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years .)				Date: 01/27/2004 		Telephone 435 687-9821			
Typed or Printed		Signature of Principal Executive Officer or Authorized Agent				Area Code		Number			
Comments and explanation of any violations: Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge.											

Discharge Monitoring Report											
Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facility: Hunter Coal Preparation Plant <div style="float: right; text-align: right;"> No Discharge <input checked="" type="checkbox"/> </div>											
UTG040009 Permit Number				09/01/2003 09/30/2003 Monitoring Period				002 Discharge Number			
Parameter		Quantity or Loading			Quantity or Concentration			No. Ex.	Frequency of Analysis	Sample Type	
		Average	Maximum	Units	Minimum	Average	Maximum				Units
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0	Permit Requirement	Report	Report	mgd	*****	*****	*****	****			
Effluent Gross Value	Requirement	30 day avg	Daily max						once/month	Estimated	
pH	Sample Measurement	*****	*****	****		*****					
00400 1 0 0	Permit Requirement	*****	*****	****	6.5 inst min	*****	9.0 inst max	(12) SU			
Effluent Gross Value	Requirement										
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****			*****	*****	*****	
00530 1 0 0	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 (19)	mg/L		once/month	
Effluent Gross Value	Requirement									Grab	
Settleable Solids	Sample Measurement	*****	*****	****				*****			
00545 R 0 0	Permit Requirement	*****	*****	****			0.5 Daily max	(25) mL/L		once/month	
Effluent Gross Value	Requirement									Grab	
Iron, Total (as Fe)	Sample Measurement	*****	*****	*****	*****	*****		*****	*****	*****	
01045 10 0	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	
Effluent Gross Value	Requirement									Grab	
Solids, Total Dissolved	Sample Measurement	*****	*****	***	*****	*****					
70295 1 0 0	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	
Effluent Gross Value	Requirement									Grab	
Oil and Grease, Visual	Sample Measurement	*****		****	*****	*****	*****	****			
84066 1 0 0	Permit Requirement	*****	0 inst max	(94) yes -1 no -0	*****	*****	*****	****		Weekly	
Effluent Gross Value	Requirement									Visual	
Name/Title Principal Executive Officer Dee Jense - President InterWest Mining Company		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 USC paragraph 1001 and 33 USC paragraph 1319. (Penalties under these statutes include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years .)				Date: 01/27/2004 		Telephone 435 687-9821			
Typed or Printed						Signature of Principal Executive Officer or Authorized Agent		Area Code Number			
Comments and explanation of any violations: Oil and grease not to exceed 10 mg/L if seen is observed. Settleable solids shall be measured during storm water discharge.											